

In the Claims:

1. (Currently amended) Grinding apparatus (1) for processing ~~a workpiece~~ an item that includes edges, roundings, and burrs (20), including a support arrangement (4) for a number of grinding heads (6) that each includes a grinding element (2) and a grinding motor (3) driving an associated grinding element (2), ~~characterised in that~~ wherein the support arrangement (4) includes an endless conveying means (9) for the grinding heads (6), the ~~conveyor~~ conveying means (9) being moved in an annular course with at least one long side perpendicular to an underlying conveyor, by at least one moving motor (5) for establishing an epicyclic movement of the grinding elements (2) across the ~~work-piece~~ item that includes edges, roundings, and burrs (20) during operation.

2. (Currently amended) Grinding apparatus (1) according to claim 1, characterised in that the ~~conveyor~~ conveying means (9) is constituted by a number of drive chains or belts which are adapted for engaging with a drive wheel (11) driven by the moving motors (5).

3. (Original) Grinding apparatus (1) according to claim 1, characterised in that it includes an apparatus frame (7) in which the support arrangement (4) is adjustable in height arranged by means of a number of displacing force providers (12).

4. (New) Grinding apparatus according to claim 1, wherein the grinding elements are connected to the grinding motors with a movable shaft, whereby items with non-uniform thickness may be ground on the top side face, since the grinding elements will follow the contour of the surface of the item.

5. (New) Grinding apparatus according to claim 1, wherein one or more grinding elements rotate in a different direction than one or more other grinding elements.